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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 5489P004

(maximum 12 characters)

First Named Inventor Hyo-Sang Kim

Title: OPTICAL FIBER CLADDING WITH LOW POLARIZATION DEPENDENCE AND AN ACOUSTO-OPTIC TUNABLE FILTER WITH LOW POLARIZATION DEPENDENT LOSS ACHIEVED THROUGH THERMAL ANNEALING

Express Mail Label No. EL617209602US

ADDRESS TO: **Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. ☐ **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. ☒ **Specification (Total Pages 31)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ **Drawings(s) (35 USC 113) (Total Sheets 7)**
5. ☒ **Oath or Declaration (Total Pages 5)**
 - a. ☐ Newly Executed (Original or Copy)
 - b. ☐ Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. ☐ **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. ☒ Unsigned.
6. ☒ **Application Data Sheet. (37 CFR 1.76)**
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on
 - i. ☐ CD-ROM or CD-R (2 copies), or
 - ii. ☐ paper
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- | | | |
|-----|--------------|--|
| 9. | _____ | Assignment Papers (cover sheet & documents(s)) |
| 10. | _____ | a. Separate 37 CFR 3.73(b) Statement (where there is an assignee) |
| | <u> X </u> | b. Power of Attorney |
| 11. | _____ | English Translation Document (if applicable) |
| 12. | _____ | a. Information Disclosure Statement (IDS)/PTO-1449 |
| | _____ | b. Copies of IDS Citations |
| 13. | _____ | Preliminary Amendment |
| 14. | <u> X </u> | Return Receipt Postcard (MPEP 503) (Should be specifically itemized) |
| 15. | _____ | Certified Copy of Priority Document(s) (if foreign priority is claimed) |
| 16. | _____ | Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). <u>Applicant must attach form PTO/SB/35 or its equivalent.</u> |
| 17. | <u> X </u> | Other: <u>Copy of postcard with Certificate of Express Mailing pursuant to 37 C.F.R. § 1.10</u> |

Continuation Divisional X Continuation-in-part (CIP)
Of Prior Application No.: 09/738,282 Examiner _____ Group Art Unit _____
(which is a X continuation/ _____ divisional/ _____ CIP of prior application no. 09/426,060,
which is a _____ continuation/ _____ divisional/ X CIP of prior application no. 09/022,413)
which claims priority to Korean Patent Application No. 97-24796 filed June 6, 1997 (List entire chain of priority)

18B. Statement under 37 CFR 3.73(b) for continuing application:

19. Correspondence Address

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL617209602US

Date of Deposit: August 30, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Dorothy A. McGovern
(Typed or printed name of person mailing paper or fee)

Dorothy A. McGovern
(Signature of person mailing paper or fee)

August 30, 2001
(Date signed)

Serial/Patent No.: Not Yet Assigned

Filing/Issue Date: Herewith

Client: Novera Optics, Inc.

Title: OPTICAL FIBER CLADDING WITH LOW POLARIZATION DEPENDENCE AND AN ACOUSTO-OPTIC TUNABLE FILTER WITH LOW POLARIZATION DEPENDENT LOSS...

BSTZ File No.: 5489P004

Atty/Secty Initials: SMD/dam

Date Mailed: August 30, 2001

Docket Due Date: ***

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- ☐ Amendment/Response (____ pgs.)
- ☐ Appeal Brief (____ pgs.) (in triplicate)
- ☐ Application - Utility (____ pgs., with cover and abstract)
- ☐ Application - Rule 1.53(b) Continuation (____ pgs.)
- ☐ Application - Rule 1.53(b) Divisional (____ pgs.)
- ☒ Application - Rule 1.53(b) CIP (31 pgs.)
- ☐ Application - Rule 1.53(d) CPA Transmittal (____ pgs.)
- ☐ Application - Design (____ pgs.)
- ☐ Application - PCT (____ pgs.)
- ☐ Application - Provisional (____ pgs.)
- ☐ Assignment and Cover Sheet
- ☒ Certificate of Mailing
- ☒ Declaration & POA (5 pgs.) **unexecuted**
- ☐ Disclosure Docs. & Orig. & Copy of Inventions Signed Later (____ pgs.)
- ☒ Drawings: 7 # of sheets includes 13 figures

- ☒ Express Mail No.: EL617209602US ☒ Check No. 44977
- ☐ _____ Month(s) Extension of Time Amt: \$1,356.00
- ☐ Information Disclosure Statement & PTO 1449 (____ pgs.) ☐ Check No. _____
- ☐ Issue Fee Transmittal Amt: _____
- ☐ Notice of Appeal
- ☐ Petition for Extension of Time
- ☐ Petition for _____
- ☒ Postcard
- ☐ Power of Attorney (____ pgs.)
- ☐ Preliminary Amendment (____ pgs.)
- ☐ Reply Brief (____ pgs.)
- ☐ Response to Notice of Missing Parts
- ☐ Small Entity Declaration for Indep. Inventor/Small Business
- ☒ Transmittal Letter, in duplicate
- ☒ Fee Transmittal, in duplicate

☒ Other: Application Data Sheet, copy of postcard with Certificate of Express Mailing pursuant to C.F.R. §1.10

FEE TRANSMITTAL FOR FY 2001**TOTAL AMOUNT OF PAYMENT (\$)** 1,356.00**Complete if Known:****Application No.** Not Yet Assigned**Filing Date** Herewith**First Named Inventor** Hyo-Sang Kim**Group Art Unit** Not Yet Assigned**Examiner Name** Not Yet Assigned**Attorney Docket No.** 5489P004**METHOD OF PAYMENT (check one)**

1. ☒ **The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:**

Deposit Account Number 02-2666**Deposit Account Name** _____

- ☒ **Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17**

- ☐ **Applicant claims small entity status. See 37 CFR 1.27**

2. ☒ **Payment Enclosed:** ☒ **Check**
☐ **Credit Card**
☐ **Money Order**
☐ **Other**

FEE CALCULATION**1. BASIC FILING FEE**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Code</u>	<u>Fee (\$)</u>	<u>Code</u>	<u>Fee (\$)</u>		
101	710	201	355	Utility application filing fee	<u>710.00</u>
106	320	206	160	Design application filing fee	_____
107	490	207	245	Plant filing fee	_____
108	710	208	355	Reissue filing fee	_____
114	150	214	75	Provisional application filing fee	_____

SUBTOTAL (1) \$ 710.00**2. EXTRA CLAIM FEES**

		<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims	<u>47</u>	- 20** = <u>27</u>	X <u>18.00</u>	= <u>486.00</u>
Independent Claims	<u>5</u>	- 3** = <u>2</u>	X <u>80.00</u>	= <u>160.00</u>
Multiple Dependent				= _____

****Or number previously paid, if greater; For Reissues, see below.**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>
<u>Code</u>	<u>Fee (\$)</u>	<u>Code</u>	<u>Fee (\$)</u>	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 646.00

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
105	130	205	65	Surcharge - late filing fee or oath	_____
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	_____
139	130	139	130	Non-English specification	_____
147	2,520	147	2,520	For filing a request for ex parte reexamination	_____
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	_____
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	_____
115	110	215	55	Extension for reply within first month	_____
116	390	216	195	Extension for reply within second month	_____
117	890	217	445	Extension for reply within third month	_____
118	1,390	218	695	Extension for reply within fourth month	_____
128	1,890	228	945	Extension for reply within fifth month	_____
119	310	219	155	Notice of Appeal	_____
120	310	220	155	Filing a brief in support of an appeal	_____
121	270	221	135	Request for oral hearing	_____
138	1,510	138	1,510	Petition to institute a public use proceeding	_____
140	110	240	55	Petition to revive - unavoidable	_____
141	1,240	241	620	Petition to revive - unintentional	_____
142	1,240	242	620	Utility issue fee (or reissue)	_____
143	440	243	220	Design issue fee	_____
144	600	244	300	Plant issue fee	_____
122	130	122	130	Petitions to the Commissioner	_____
123	50	123	50	Processing fee under 37 CFR 1.17(q)	_____
126	180	126	180	Submission of Information Disclosure Stmt	_____
581	40	581	40	Recording each patent assignment per property (times number of properties)	_____
146	710	246	355	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
149	710	249	355	For each additional invention to be examined (see 37 CFR 1.129(b))	_____
179	710	279	355	Request for Continued Examination (RCE)	_____
169	900	169	900	Request for expedited examination of a design application	_____
195	300	195	300	Publication fee for early, voluntary, or normal publication	_____
196	300	196	300	Publication fee for republication	_____
194	130	194	130	Request for voluntary publication or republication	_____
098	130	098	130	Processing fee under 37 CFR 1.17(i)	_____
091	1,240	091	1,240	Acceptance of unintentionally delayed claim for priority	_____

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ _____

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Stephen M. De KlerkSignature:  Date: 8/30/01Reg. Number: 46,503 Telephone Number: 408-720-8300**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.